T Number	Uita	Convah Tout	DB	Time stamp
L Number	Hits 1055	Search Text   (determin\$5 with ((black?edge) or (black	USPAT;	2004/08/05 14:54
1	1055	near3 (edge or character or text))) same	US-PGPUB;	2001,00,03 11.31
		(((bright\$4 or light\$4) and saturation and	EPO; JPO;	
		hue)) or HSB)	DERWENT;	]
		, , , , , , , , , , , , , , , , , , , ,	IBM TDB	
2	1054	(determin\$5 with ((black?edge) or (black	USPAT;	2004/08/05 14:54
		near3 (edge or character or text))) with	US-PGPUB;	
		(((bright\$4 or light\$4) and saturation and	EPO; JPO;	į
		hue)) or HSB)	DERWENT;	
			IBM_TDB	
3	0	(	USPAT;	2004/08/05 14:55
		near3 (edge or character or text))) with	US-PGPUB;	
		(((bright\$4 or light\$4) and saturation and	EPO; JPO;	l
		hue) or HSB))	DERWENT;	
1	,	(dotorminés with (/hlash-ladge) on (hlash-	IBM_TDB USPAT;	2004/08/05 14:58
4		(determin\$5 with ((black?edge) or (black near3 (edge or character or text))) same	US-PGPUB;	2004/08/05 14:58
		(((bright\$4 or light\$4) and saturation and	EPO; JPO;	
		hue) or HSB))	DERWENT;	
		nue, or nob),	IBM TDB	
5	1	((determin\$5 or detect\$3) with ((black?edge)	USPAT;	2004/08/05 15:00
-		or (black near3 (edge or character or	US-PGPUB;	
		text))) same (((bright\$4 or light\$4) and	EPO; JPO;	
		saturation and hue) or HSB))	DERWENT;	
			IBM_TDB	
6	1		USPAT;	2004/08/05 15:00
		or (black near6 (edge or character or	US-PGPUB;	
		text))) same (((bright\$4 or light\$4) and	EPO; JPO;	
		saturation and hue) or HSB))	DERWENT;	
_			IBM_TDB	2004/00/05 15 00
7	3		USPAT;	2004/08/05 15:02
	ļ	or (black near) (edge or character or	US-PGPUB;	
		text))) same (((bright\$4 or light\$4) and saturation and hue) or HSB))	EPO; JPO; DERWENT;	
		Sacuration and nue; or ASB;;	IBM TDB	1
8	3	((determin\$5 or detect\$3) with ((black?edge)	USPAT;	2004/08/05 15:03
		or (black near9 (edge or character or	US-PGPUB;	=====================================
		text))) same (((bright\$4 or light\$4) and	EPO; JPO;	
		saturat\$3 and hue) or HSB))	DERWENT;	
			IBM_TDB	
9	6	' '	USPAT;	2004/08/05 15:04
		or (black near9 (pixel or edge or character	US-PGPUB;	
		or text))) same (((bright\$4 or light\$4) and	EPO; JPO;	
		saturat\$3 and hue) or HSB))	DERWENT;	
10	و ا	((determin\$5 or detect\$3) with ((black?edge)	IBM_TDB USPAT;	2004/08/05 15:19
10		or (black near9 (pixel or edge or character	US-PGPUB;	2004/08/03 13.19
		or text))) same (((bright\$4 or light\$4 or	EPO; JPO;	
		luminance) and saturat\$3 and hue) or HSB))	DERWENT;	
	ĺ		IBM TDB	
11	0	526878.an.	USPAT;	2004/08/05 15:19
			US-PGPUB;	
			EPO; JPO;	1
			DERWENT;	
			IBM_TDB	
12	5	526878.ap.	USPAT;	2004/08/05 15:20
			US-PGPUB;	
	1		EPO; JPO;	
			DERWENT; IBM TDB	
13	108	Nabeshima-Takayuki.in.	USPAT;	2004/08/05 15:20
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
14	9	Nabeshima-Takayuki.in. and edge and black	USPAT;	2004/08/05 15:22
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	l		IBM_TDB	

15	0	Nabeshima-Takayuki.in. and edge and hue and saturation	USPAT; US-PGPUB; EPO; JPO;	2004/08/05 15:22
			DERWENT; IBM TDB	
16	1	Nabeshima-Takayuki.in. and hue and saturation	USPAT; US-PGPUB;	2004/08/05 15:24
			EPO; JPO; DERWENT;	
17	1	Nabeshima-Takayuki.in. and lightness and saturation	IBM_TDB USPAT;	2004/08/05 15:24
		Sacuración	US-PGPUB; EPO; JPO; DERWENT;	·
_	2	((detect\$3 near3 edge) and (pseudo-black or	IBM_TDB USPAT;	2004/07/14 14:34
		(pseudo near2 black))) and (358/\$.ccls. or 382/\$.ccls.)	US-PGPUB; EPO; JPO;	
	31	/deheatic many edge and /mini hards an	DERWENT; IBM_TDB	0004/01/00 14 40
_	31	(detect\$3 near3 edge and (quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2 black) and (345/\$.ccls. or	USPAT; US-PGPUB;	2004/01/09 14:42
		358/\$.ccls. or 382/\$.ccls.)	EPO; JPO; DERWENT; IBM TDB	
_	31	((detect\$3 near3 edge) and (quasi-black) or (quasi near2 black) or (pseudo-black) or	USPAT; US-PGPUB;	2004/01/09 14:44
		(pseudo near2 black)) and (345/\$.ccls. or 358/\$.ccls. or 382/\$.ccls.)	EPO; JPO; DERWENT;	
-	2	((detect\$3 near3 edge) and ((quasi-black) or	IBM_TDB USPAT;	2004/01/09 14:45
		(quasi near2 black) or (pseudo-black) or (pseudo near2 black))) and (345/\$.ccls. or	US-PGPUB; EPO; JPO;	
·		358/\$.ccls. or 382/\$.ccls.)	DERWENT; IBM_TDB	
-	0	((detect\$3 near3 edge) and ((quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2 black))) and (hue or	USPAT; US-PGPUB;	2004/01/09 14:46
		chromaticity or chrominance)	EPO; JPO; DERWENT; IBM TDB	
-	5	((detect\$3 near3 edge) and ((quasi-black) or (quasi near2 black) or (pseudo-black) or	USPAT; US-PGPUB;	2004/01/09 14:48
		(pseudo near2 black)))	EPO; JPO; DERWENT;	
-	10	, 5 , , , , , , , , , , ,	IBM_TDB USPAT;	2004/01/09 14:52
		black) or (pseudo-black) or (pseudo near2 black))	US-PGPUB; EPO; JPO;	
_	47	(edge or toyt or gharagter or line or det en	DERWENT; IBM_TDB	2004/01/00 14 52
_	47	<pre>(edge or text or character or line or dot or pixel) same ((quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo near2</pre>	USPAT; US-PGPUB; EPO; JPO;	2004/01/09 14:53
		black))	DERWENT; IBM TDB	
-	59	((edge or text or character or line or dot or pixel) same ((quasi-black) or (quasi	USPAT; US-PGPUB;	2004/01/09 14:53
		<pre>near2 black) or (pseudo-black) or (pseudo near2 black))) not8</pre>	EPO; JPO; DERWENT;	
-	37	((edge or text or character or line or dot	IBM_TDB USPAT;	2004/01/09 14:56
		or pixel) same ((quasi-black) or (quasi near2 black) or (pseudo-black) or (pseudo	US-PGPUB; EPO; JPO;	
		near2 black))) not (edge same ((quasi-black) or (quasi near2 black) or (pseudo-black) or	DERWENT; IBM_TDB	. (
-	94	<pre>(pseudo near2 black))) edge near4 color near4 discrimina\$5</pre>	USPAT;	2004/01/09 14:57
			US-PGPUB; EPO; JPO; DERWENT;	
			IBM_TDB	

Color near4 discriminas\$) same (hue or chromaticity or tings)   Color near4 discriminas\$) same (hue or chromaticity or tings)   Color near4 discriminas\$) same (hue or chromaticity or tings)   Color near4 discriminas\$) same (hue or chromaticity or tings)   Color near4 discriminas\$) same (hue or chromaticity or tings)   Color near4 discriminas\$) same (hue or chromaticity or tings)   Color near4 discriminas\$)   Color ne					
Chromaticity or tinge    EPO; JPO; DREMENT; IBM TDB   USPAT; tinge    USPAT;	-	20			2004/01/09 20:06
Seminary   DERMENT;   IMM TOB   USPAT;   USPGUB;   USPAT;   USPA					
1			ciromacrorey or cringe,		
1			, , , , , , , , , , , , , , , , , , ,	·	
region or dot or pixel) near4 color near4 discrimina55) same (hue or chromaticity or tinge)   ((((dege or text or line or character or region or dot or pixel) near4 color near4 discrimina55) same (hue or chromaticity or tinge) and black   (((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)   DERRENT; LEM TDB ((((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)   DERRENT; LEM TDB ((((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)   DERRENT; LEM TDB ((((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)   DERRENT; LEM TDB ((((edge or text or line or character) near4 color near4 discrimina55) same (hue or chromaticity or tinge)   DERRENT; LEM TDB ((((edge or text or line or character) near4 color near4 discrimina55) same (hue or chromaticity or tinge)   DERRENT; LEM TDB ((((edge or text or line or character) near4 color near4 discrimina55) same (hue or chromaticity or tinge)   DERRENT; LEM TDB ((((edge or text or line or character) near4 color near4 discrimina55) same (hue or chromaticity or tinge)   DERRENT; LEM TDB ((((edge or text or line or character) near4 color near4 discrimina55) same (hue or chromaticity or tinge)   DERRENT; LEM TDB ((((edge or text or line or character) near4 color near4 discrimina55) same (hue or chromaticity or tinge)   DERRENT; LEM TDB ((((edge or text or line or character) near5 (edge) same ((bright64 or luminan52) and saturation and hue)   and (358/s.ccls. or 382/s.ccls.)   DERRENT; LEM TDB (((edtermin55 or sort53 or select53 or extract53) near3 edge) same ((bright64 or lumina652) and saturation and hue)   DERRENT; LEM TDB ((((edtermin55 or sort53 or select53 or extract53) near3 edge) same ((bright64 or brightness or luminance) and saturation and hue)   DERRENT; LEM TDB (((edtermin55 or sort53 or select53 or extract53) near3 edge) same ((bright or brightness or luminance) and s	<u>-</u>	54	((edge or text or line or character or	_	2004/01/09 16:58
discrimina55   same (hue or chromaticity or tinge)					
Singer				-	
18	İ				
35				IBM TDB	
region or dot or pixel) near4 color near4 discrimina(\$) same (hue or chromaticity or tinge)) and black  - ((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)  - (((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)) and black  - (((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)) and black  - (((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)) and black)  - (((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)) and black)  - (((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge))  - (((edge or text or line or character) color near4 difference) same (hue or chromaticity or tinge))  - (((edge or text or line or character) color near4 difference) same (hue or chromaticity or tinge))  - (((edge or text or line or character) color near4 difference) same (hue or chromaticity or tinge))  - (((edge or text or line or character) color near4 difference) same (hue or chromaticity or tinge))  - (((edge or text or line or character) color near4 difference) same (hue or chromaticity or tinge))  - (((edge or text or line or character) color near4 difference) same (hue or chromaticity or tinge)  - (((edge or text or line or character) color near4 difference) same (hue or chromaticity or tinge)  - (((edge or text or line or character) color near4 difference) same (hue or chromaticity or tinge)  - ((((edge or text or line or character) color near4 difference) same (hue or chromaticity or tinge)  - ((((edge or text or line or character) color near4 difference) same (hue or chromaticity or tinge)  - ((((edge or text or line or character) color near4 color near4 difference) same (hue or chromaticity or tinge)  - ((((determin\$5 or sort or extract\$3) near3 color near4 dege) same ((brights) color near4 dege) same (brights) color near4	-	35	(((edge or text or line or character or	USPAT;	2004/01/09 16:58
discrimina(5)   Same (hue or chromaticity or tinge)   and black   Color near4 difference)   same (hue or chromaticity or tinge)   Color near4 difference)   same (hue or chromaticity or tinge)   Color near4 difference)   same (hue or chromaticity or tinge)   Color near4 difference)   same (hue or chromaticity or tinge)   and black   Color near4 difference)   same (hue or chromaticity or tinge)   and black   Color near4 difference)   same (hue or chromaticity or tinge)   and black   Color near4 difference)   same (hue or chromaticity or tinge)   and black   Color near4 difference)   same (hue or chromaticity or tinge)   and black   Color near4 difference)   same (hue or chromaticity or tinge)   same (brightness and saturation and hue)   same (saturation and hue)   same (saturation and hue)   same (saturation and hue)   same (saturation and hue)   same (bright or brightness or luminance)   saturation and hue)   same (bright or brightness or luminance)   same (bright or brightness or luminance)   same (bright or brightness or luminance)   same (brightness and saturation and hue)   same black   saturation and hue)   same black   saturation and hue)   same (brightness and sat				US-PGPUB;	
((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)  (((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge) and black  (((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge) and black not (((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge) and black not (((edge or text or line or character) near4 color near4 discriminas5) same (hue or chromaticity or tinge) and black not (((edge or text or line or character) near4 color near4 discriminas5) same (hue or chromaticity or tinge) broken to chromaticity or tinge) and black not (((edetects) near3 edge) same (brightness and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  (((determin\$5 or sort or extract\$3) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  (((determin\$5 or sort or select\$3 or extract\$3) near3 edge) same ((bright\$4 or luminan\$2) us-PGPUB; EPO; JFO; DERNENT; IBM TDB USPAT; Us-PGPUB; epo; JFO; DE			discrimina\$5) same (hue or chromaticity or	EPO; JPO;	
76			tinge)) and black	DERWENT;	
Color near4 difference) same (hue or chromaticity or tinge)				IBM_TDB	
chromaticity or tinge)  chromaticity or tinge)  (((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)) and black or color near4 difference) same (hue or chromaticity or tinge)) and black) not (((edge or text or line or character) near4 color near4 difference) same (hue or chromaticity or tinge)) and black) not (((edge or text or line or character) near4 color near4 discrimina\$5) same (hue or chromaticity or tinge)) and black) not (((edge or text or line or character) near4 color near4 discrimina\$5) same (hue or chromaticity or tinge)) and (358/\$.ccls. or 382/\$.ccls.)  (((detect\$3 near3 edge) same (brightness and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  (((determin\$5 or sort or extract\$3) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ((((determin\$5 or sort or select or extract) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ((((determin\$5 or sort or select or extract) near3 edge) same ((bright\$4 or extract\$3) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ((((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ((((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue) uspar; lim TDB	-	76		USPAT;	2004/01/09 17:05
DERWENT; IMM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IMM TDB USPAT; USPA			·	US-PGPUB;	
20			chromaticity or tinge)		
20	1	]			
Color_near4 difference) same (hue or chromaticity or tinge) and black		_		_	0004/05/05 55
chromaticity or tinge)) and black    Chromaticity or tinge) and black   Chromaticity or tinge)   DERMENT; IBM TDB   USPAT; USPGPUB; EPO, JPO;   Chromaticity or tinge)   and black) not (((edge or text or line or character) near4   USPAT; USPATB, Color near4 discrimina55) same (hue or chromaticity or tinge))   Chromaticity or tinge)   Chromaticit	_	20	(((edge or text or line or character) near4	i i	2004/01/09 17:06
DERMENT;   Color near4 difference) same (hue or character) near4 color near4 difference) same (hue or chromaticity or tinge)) and black) not (((edge or text or line or character) near4 color near4 discrimina55) same (hue or chromaticity or tinge))   Color near4 discrimina55) same (hue or chromaticity or tinge))   Color near4 discrimina55) same (hue or chromaticity or tinge))   Color near4 discrimina55) same (hue or chromaticity or tinge))   Color near4 discrimina55) same (hue or chromaticity or tinge))   Color near4 discrimina55) same (hue or chromaticity or tinge))   Color near4 discrimina55) same (hue or chromaticity or tinge))   Color near4 discrimina55)   Color near5 dege) same (brightes and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)   Color near5 dege) same (brights4 or luminan52)   Color near5 dege) same (bright or luminan52)   Color near5 dege)					
IBM TDB   Color near4 difference) same (hue or chromaticity or tinge) and black) not (((edge or text or line or character) near4 color near4 discriminas5) same (hue or chromaticity or tinge)) and black) not (((edge or text or line or character) near4 color near4 discriminas5) same (hue or chromaticity or tinge)) ((detect\$3 near3 edge) same (brightness and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  - 4 (((determin\$5 or sort or extract\$3) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  - 2 (((determin\$5 or sort or select or extract) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  - 2 (((determin\$5 or sort or select or extract) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  - 7 (((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls. or 382/\$.ccls.)  - 9 (((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue)) same black  - 10 (((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue)) same black  - 10 (((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue)) same black  - 10 (((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same (brightness and saturation and hue) same black  - 10 (((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same (brightness and saturation and hue) saturation and hue) saturation and hue) saturation and hue) saturation and saturation and hue) saturation and saturat			chromaticity or tinge)) and black		
18				1	
color near4 difference) same (hue or chromaticity or tinge) and black) not (((edge or text or line or character) near4 color near4 discrimina\$5) same (hue or chromaticity or tinge))  ((detect\$3 near3 edge) same (brightness and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  (((determin\$5 or sort or extract\$3) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ((((determin\$5 or sort or select or extract) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ((((determin\$5 or sort or select or extract) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ((((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ((((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ((((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue)) same black  ((((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue)) same black  ((((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue)) same black  ((((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue)) same black  ((((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue)) same black  ((((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue) same black  ((((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same (brightness and saturation and hue) saturation and hue) saturation and hue) saturation and saturation saturation		10	///odgo on hout on line on themselves	-	2004/01/00 17 00
Chromaticity or tinge ) and black) not (((edge or text or line or character) near4 color near4 discrimina\$5) same (hue or chromaticity or tinge ) ((detect\$3 near3 edge) same (brightness and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB uspar; USPAT; USPAT	-	18			2004/01/09 17:06
Color near4 discrimina\$5) same (hue or character) near4 color near4 discrimina\$5) same (hue or chromaticity or tinge) ((detect\$3 near3 edge) same (brightness and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)				· ·	
Color near4 discrimina\$5) same (hue or chromaticity or tinge)					
Chromaticity or tinge )					
5				IBM_IDB	
saturation and hue) and (358/\$.ccls. or 382/\$.ccls.)	_	5		IICDAT.	2004/01/09 14:22
### 382/\$.ccls.)  ### (((determin\$5 or sort or extract\$3) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ### (((determin\$5 or sort or select or extract) near3 edge) same ((bright\$4 or luminan\$2) und usaturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ### (((determin\$5 or sort or select or extract) near3 edge) same ((bright\$4 or luminan\$2) and usaturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ### (((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright\$4 or luminan\$2) and saturation and hue)) and (358/\$.ccls. or 382/\$.ccls.)  ### (((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue))  ### (((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue))  ### (((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same ((bright or brightness or luminance) and saturation and hue)) same black  ### ((((determin\$5 or sort\$3 or select\$3 or extract\$3) near3 edge) same (bright or brightness or luminance) and saturation and hue)) same black  ### ((((determin\$5 or sort\$3 or select\$3 or discover or process or extract\$3 or discover or process or extract\$3 or detect\$3) near7 edge) same (brightness and saturation and hue)) and (358/\$.ccls. or 348/\$.ccls. or		,			2004/01/09 14:22
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-	8	(((determin\$5 or sort\$3 or select\$3 or identify or discover or process or extract\$3 or detect\$3) near9 edge) same ((lumin\$6 or brightness or lightness) and saturation and hue)) and (black near7 edge) and (358/\$.ccls. or 382/\$.ccls. or 345/\$.ccls. or 348/\$.ccls or 702/\$.ccls)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/24 09:06
-	2		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/29 14:25
-	19	(((pseudo or quasi) near5 black)) and (edge near4 (detect\$3 or sens\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/29 11:03
_	4	<pre>((((pseudo or quasi) near5 black)) and (edge near4 (detect\$3 or sens\$3))) and (light and saturat\$3 and hue)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/29 11:04
-	7	((pseudo or quasi) near5 black) near4 edge	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/29 11:19
-	198	Katayama and luminance and threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/01/09 20:06
-	38	Katayama and luminance and threshold and edge and hue	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/01/09 20:07
-	7	Katayama.in. and luminance and threshold and edge and hue	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/01/09 20:07
_	240196	((scan or scanned or scanning or read or reading) near5 image)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/14 14:52
-	45713	((extract or extracting or extracted or detect or detecting or detected) near4 edge)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/19 12:45
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-	641	((receive or receiving or received or obtain or obtained or obtaining or calculate or derive or deriving or derived or calculating or calculated or extract or extracting or extracted or detect or detecting or detected) with ((brightness or lightness) and saturation and hue))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:03
-	2	(((scan or scanned or scanning or read or reading) near5 image)) and (((extract or extracting or extracted or detect or detecting or detected) near4 edge)) and (((judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) with (black with edge))) and (((receive or receiving or received or obtain or obtained or obtaining or calculate or derive or deriving or derived or calculating or calculated or extract or extracting or extracted or detect or detecting or detected) with ((brightness or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:05
	2	lightness) and saturation and hue))) (((extract or extracting or extracted or detect or detecting or detected) near4 edge)) and (((judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) with (black with edge))) and (((receive or receiving or received or obtain or obtained or obtaining or calculate or derive or deriving or derived or calculating or calculated or extract or extracting or extracted or detect or detecting or detected) with ((brightness or lightness) and saturation and hue)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:16
-	659	((black?edge) or (black near3 (edge or character or text)) adj (detector or detection or detecting or detected))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/14 15:28
	3	(((judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) with (black with edge))) and (((receive or receiving or received or obtain or obtained or obtaining or calculate or derive or deriving or derived or calculating or calculated or extract or extracting or extracted or detect or detecting or detected) with ((brightness or lightness) and saturation and hue)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/14 15:27
_	709		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/14 15:29

-	0	(((black?edge) or (black near3 (line or edge	USPAT;	2004/07/14 15:29
		or character or text)) adj (detector or	US-PGPUB;	
		detection or detecting or detected))) and	EPO; JPO;	
		(((judge or judged or judging or assess or	DERWENT; IBM TDB	
		assessment or assessing or assesses or identify or identification or identified or	TBM_IDB	i
		decided or decide or decision or deciding		
		or determine or determination or		
		determining) with (black with edge))) and		
		(((receive or receiving or received or		
		obtain or obtained or obtaining or calculate		
		or derive or deriving or derived or		
		calculating or calculated or extract or		
		extracting or extracted or detect or		
		detecting or detected) with ((brightness or lightness) and saturation and hue)))		
_	o	(((black?edge) or (black near3 (line or edge	USPAT;	2004/07/14 15:29
		or character or text)) adj (detector or	US-PGPUB;	<b></b> ,,
		detection or detecting or detected))) and	EPO; JPO;	
		(((receive or receiving or received or	DERWENT;	!
		obtain or obtained or obtaining or calculate	IBM_TDB	
		or derive or deriving or derived or		
		calculating or calculated or extract or		
		extracting or extracted or detect or		
		detecting or detected) with ((brightness or lightness) and saturation and hue)))		
_	63	(((black?edge) or (black near3 (line or edge	USPAT;	2004/07/14 15:29
	03	or character or text)) adj (detector or	US-PGPUB;	
		detection or detecting or detected))) and	EPO; JPO;	
		(((judge or judged or judging or assess or	DERWENT;	
		assessment or assessing or assesses or	IBM_TDB	
•		identify or identification or identified or		
		decided or decide or decision or deciding		,
		or determine or determination or determining) with (black with edge)))		
_	57406	((judge or judged or judging or assess or	USPAT;	2004/07/14 15:11
	3/400	assessment or assessing or assesses or	US-PGPUB;	2001,0,711 23.22
		identify or identification or identified or	EPO; JPO;	
		decided or decide or decision or deciding	DERWENT;	
		or determine or determination or	IBM_TDB	
		determining) with edge)		0001/05/11 15 10
=	2131	1	USPAT;	2004/07/14 15:13
		assessment or assessing or assesses or identify or identification or identified or	US-PGPUB; EPO; JPO;	
		decided or decide or decision or deciding	DERWENT;	
	İ	or determine or determination or	IBM_TDB	
		determining) with edge) same (black or "k"	_	
		or noir)		
-	2373	(judge or judged or judging or assess or	USPAT;	2004/07/14 15:13
	1	assessment or assessing or assesses or	US-PGPUB;	
		identify or identification or identified or	EPO; JPO;	
1		decided or decide or decision or deciding or determine or determination or	DERWENT; IBM TDB	
		determining) same ((black or "k" or noir)	15155	
		with edge)		
-	62059		USPAT;	2004/07/19 13:00
		_	US-PGPUB;	
			EPO; JPO;	
ļ			DERWENT;	
_	1000	((detect\$3 origides or indeed or indeing or	IBM_TDB   USPAT;	2004/07/19 12:48
-	1092	((detect\$3 orjudge or judged or judging or assess or assessment or assessing or	US-PGPUB;	2004/07/19 12:46
		assesses or identify or identification or	EPO; JPO;	
.4	1	identified or decided or decide or decision	DERWENT;	
		or deciding or determine or determination or	IBM_TDB	
		determining) near9 (black with edge))		
-	107213		USPAT;	2004/07/19 13:01
		assess or assessment or assessing or	US-PGPUB;	
		assesses or identify or identification or identified or decided or decide or decision	EPO; JPO; DERWENT;	
		or deciding or determine or determination or	IBM_TDB	
		determining) near9 (color or hue))		
	<u> </u>		I	

-	84381	((detect\$3 orjudge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or	USPAT; US-PGPUB; JPO	2004/07/19 14:34
-	5653	determining) near9 (color or hue))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/07/19 12:52
-	1582	(((extract\$3 or detect\$3) near4 edge)) and (((detect\$3 orjudge or judged or judging or assess or assessment or assessing or assesses or identify or identification or	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/07/19 13:02
		identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color or hue))) and (358/\$.ccls. or 382/\$.ccls.)	IBM_TDB	
	229	(((extract\$3 or detect\$3) near4 edge)) and (((detect\$3 orjudge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color or hue))) and (358/2.1.ccls. or 358/2.1.ccls. or 358/3.27.ccls. 358/462.ccls. or 382/199.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 12:59
-	1403		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/19 13:00
-	108168	((detect\$3 or judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color or hue))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:01
-	448	<pre>(((extract\$3 or detect\$3) near4 (color near6 edge))) and (((detect\$3 or judge or judged or judging or assess or assessment or assessing or assesses or identify or identification or identified or decided or decide or decision or deciding or determine or determination or determining) near9 (color or hue))) and (358/\$.ccls. or 382/\$.ccls.)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:03
-	138	, , , , , , , , , , , , , , , , , , ,	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:16
-	984	(e-mail or electronic adj mail or e?mail or (internet adj mail)) near3 (group or grouping)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/07/19 13:18
_	253	(e-mail or electronic adj mail or e?mail or (internet adj mail)) nearl (group or grouping)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/19 13:19

-	345	(e-mail or electronic adj mail or e?mail or	USPAT;	2004/07/19 13:20
		(internet adj mail)) near3 (group or	US-PGPUB;	
		grouping) and (?fax or fax or facsimile)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	112		USPAT;	2004/07/19 13:21
		(internet adj mail)) near3 (group or	US-PGPUB;	
		grouping) same (?fax or fax or facsimile)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	2004/05/10 12 00
-	17	, ( • = = = = = = = = = = = = = = = =	USPAT;	2004/07/19 13:22
		(internet adj mail)) adj2 address) near3	US-PGPUB;	
		(group or grouping) same (?fax or fax or	EPO; JPO; DERWENT;	
		facsimile)	IBM TDB	
_	1540	((detect\$3 or judge or judged or judging or	USPAT;	2004/07/19 14:36
_	1340	assess or assessment or assessing or	US-PGPUB;	2001, 0., 23 21:30
		assesses or identify or identification or	JPO	
		identified or decided or decide or decision		}
		or deciding or determine or determination or		
		determining) near9 (color with hue))		
_	64	(((extract\$3 or detect\$3) near4 (color near6	USPAT;	2004/07/19 14:36
		edge))) and (((detect\$3 or judge or judged	US-PGPUB;	
		or judging or assess or assessment or	JPO	
ĺ		assessing or assesses or identify or		
		identification or identified or decided or		
		decide or decision or deciding or determine		
		or determination or determining) near9		
		(color with hue)))		